

State Diagram of System $AlCl_3-KCl-NaCl_3$, by V. O. Plotnikov and U. I. Schwarzmenn, 24 pp.

RUSSIAN, per, Zapiski Inst Khim Ak Nauk Ukr SSR, Vol III, No 3, 1936, pp 387-400.

SLA R-2365

Sci

Aug 58

72,197

Zapiski Akademii Nauk, URSR, Kiev. Inst Khimii.

Vol 4 No 3, 1937 pp 249/

Electrochemical Investigation of Arsenic and Bismuth
Bromides in a nitrobenzol solution of aluminum
bromide and of thallium bromide in an ethyl bromide
solution of aluminum bromide,

by V. O. Plotnikov and N. Ya. Horenbein.

Trans AEC.

Production of Ammonium Sulfate from Roman-
Gypsum-Containing Marls, by V. O. Izbekov,
and E. S. Kosmatiy, 8 pp.

RUSSIAN, per, Zapiski Inst Khim Ak Nauk
USSR, Vol IV, 1937, pp 99-110.

SLA R-2191

Sci

Aug 58

72,424

Plotnikov, V. A. and Balyasni, S. S.
DEHYDROGENATION OF METHANOL TO FORMAL-
DEHYDE. [1961] 8p 10refs
Order from OTS, SLA, or ETC \$1.10 TT-61-16515

Trans. of [Akademiya Nauk URSR, Kiev. Institut
Khimii. Zapysky] 1937, v. 4, no. 3, p. 269-274. ?

DESCRIPTORS: *Methanols, *Dehydrogenation,
*Formaldehyde, Decomposition, Catalysts, .

(Chemistry--Organic, TT, v. 11, no. 4)

TT-61-16515

I. Plotnikov, V. A.
II. Balyasni, S. S.

Office of Technical Services

5586
Electromotive Forces in fused Chlorides of
Aluminum and Sodium, by V. O. Plotnikov,
E. I. Kyrychenko, N. S. Fortunatov, 12 pp.

RUSSIAN, per, Zapysky Inst Khim, Ak Nauk ~~USSR~~ ~~USSR~~
USSR, Vol VII, No 2, 1940, pp 159-172. *L*

Sci Tr Center
RT-1507

18,898

Scientific - Chemistry

Preliminary Experiments on the Electro-Deposition
of Titanium and Its Alloys, by N. N. Grcians'ki,
E. P. Vovkohon, 4 pp. *(Grcians'ki)*

Full translation.

RUSSIAN, per, Zapysky Instytutu Khim Ak Nauk URSR,
Vol VII, No 2, 1940, pp 173-175.

AEO 77 1591
Def.Sci Info Sv DRB Canada
T 1 Ukr

Scientific - Minerals/Metals Jun 53 CTS *1/1911*

Butcher 3/52

2251

Investigation of the Equilibrium Between Metallic
Aluminum and Zinc Chloride in Molten Medium, by
Yu. K. Delimarskiy, L. S. Erenblum, 11 pp,
UNCLASSIFIED SKIY

RUSSIAN, per, Zap Inst Khim, Vol VII, No 3,
1940, pp 375-382.

Sci Tr Center
RT-2016

OTS-TT-64-10959

Scientific - Chemistry

Jan 55 CTS

20,547

S-199/60

(NY-3735).

On a Theory of the Origin of Pegmatites, by
V. D. Nikitin, 103 pp.

RUSSIAN, per, Zapiski Leningradskogo Ordona
Lenina i Ordona Trud Krasnogo Znameni Gornogo
Inst, Vol III, No 2, 1955, pp 44-117.

JPRS 2665

Sci - Geophys, geology
Jun 60

117, 340

Lamellar Discharge, by G. V. Gordeyev, 18 pp.
UNCL

RUSSIAN per, Zapiski Leningrad, Ordenov Lenina i
Trud Krasnogo Znamenii Gornogo Inst im G. V. Plekhanova,
Vol XXXVI, No 3, 1958, pp 65-73.

ATIC MCL-169/III

Sci-Electron

Telecom 41336

Feb 60

109,046

The Upper Eifelian Boundary of the Urals
Established With the Aid of Tetracorals; Devonian
Tetracorals of the Upper Amur and Eastern Transbaikal;
Devonian Tetracorals of the Southern Altai and
the Adjacent Territories, by N. Ya. Spassky.

RUSSEAN, per, Zapiski Leningradskogo Ordenov
Lenina i Trudovogo Krasnogo Znameni Gornogo
Instituta, Vol 2 XXXVII, No 2, 1960, pp 83-131.

Dept of Interior

QE 3 E57 No 99

215,901

Sci - Geophys

USSR - Geog

Oct 62

Calculation of a Tri-Phase Heater With
Angular Electrodes, by T. A. Glasenko, 11 pp.

RUSSIAN, per, Zapiski Leningrad Sel's
Kikloayaystvennogo Instituta, Vol XII,
1956, pp 199-208. 9667344

FTD-FF-62-1345

Sci - Phys
Jan 63

220,048

On the Inversion of Some Singular Integrals,
by N. I. Akhiezer, 7 pp.

RUSSIAN, per, Zapiski Matem Otdel Fiz
Matem Fakul Khar'kov Univ, Vol XXV, 1957,

pp 191-198.

CIA/FDD X-6169

Sci - Phys

Apr 67

FOR OFFICIAL USE ONLY

322,018

Diffraction of an Electromagnetic Wave Incident
at an Arbitrary Angle on a Flat Metal Grating,
by E. N. Podol'skiy, 10 pp.
RUSSIAN, per, Zapiski Mekh-Matem, Fak Khar'kov
Univ i Khar'kov Mate Obshch, Vol XXX, No 4,
1964, pp 116-125.
CIA/FDD X-5492

Sci - Engr
Dec 64
FOR OFFICIAL USE ONLY

269,469

Electromagnetic Wave Diffraction by a Plane Grating
of Special Shape, by G. N. Geastrin, K. V. Maslov, 10 pp.
RUSSIAN, per, Zapiski Mekh Matem Fak Khar'kov
Univ & Khar'kov Matem Obshch, Vol XXX, Ser 4,
1964, pp 164-174.
CIA/FDD X-5486

Sci - Math

Nov 64

FOR OFFICIAL USE ONLY

269,310

Polynomials Orthogonal on a Circle
and their Applications, by Ya. L. Gorodnitskiy,
pp. 35-120.

RUSSIAN, bk, Zapiski Nauchno-Issledovatel'
Skol'no Inst Matemat i Mek Khar'kovskogo
Matemat Obshchestva, Vol XIX, No 4, 1948,
pp 35-120.

Sci Tr Center No KX-1505

Scientific - Mathematics

18,942

Report on the Activities of the Military Topographic
Division of the Orenburg Military District in 1868,
by A. A. Tillo.

RUSSIAN, per, Zapiski Orenburgskago Otdel Imperator-
skago Russkago Geograf Obshch, Vol 1, 1870,
pp 259-269.

ACIC

Sc1 - Geophya

Jun 62

202, 185

Records of the Orenburg ~~R~~ Branch of the Imperial
Russian Geographic Society, by A. Bonsdorf,

RUSSIAN, ^{bk}~~per~~, Zapiski Orenburgskago Otdela
Imperatorskago Russkago Gsogkaficheskago Obshchestva,
Vol IV, 1881, pp 26-28.

*ACIC

W. H. F.
Sep 61

Records of the Orenburg Branch of the Imperial Russian
Geographic Society, by A. A. Tillo.

RUSSIAN, per, Zapiski Orenburgskago Otdela
Imperatorskago Russkago Geografn Obshch, Vol II,
1871, pp 259-268, 269, 280.

ACIC

173.418

USSR
Geog
Nov 61

Account of the Field Work Carried Out by Members of
the Orenburg Military Topographic Division in 1871-
1873 With a List of Triangulation Points of the
Orenburg Cossacks Region, by M. Lebedev.

RUSSIAN, per, Zapiski Orenburgskago Otdela Imperator-
skago Russkago Geograf Obshch, Vol III, 1875,
pp 424-448.

ACIC

Sci - Geophys

203,186

Jun 62

Leveling From Orenburg to the Aral Sea and Across
the Lower Course of the Syr-Dar'ya River, by A.
Bonsdorf.

RUSSIAN, per, Zapiski Orenburgskogo Otdela Imperatorskogo
Russkogo Geograf Obshch, Vol. IV, 1881, pp 26-28.

ACIC

Serbi
USSR
Geog
Nov 61

175. 419

Currents in Bakinskaya Bay, by A. Mikhalevskiy.

RUSSIAN, bk, Zapiski po Gidrografii, Izdanie
Gidrograficheskogo Upravleniia, No 1,
1937, pp 79-88.

*Navy/HO Tr 197

Sci
Mar 64

Memoirs of an Old Chekist, by
Fedor Timofeyevich Fomin, 162 pp.
RUSSIAN, bk, Zapiski Starogo Chekista, Moscow,
1964, 172 pp.
JFRS 55688

Apr 72

Special Geodetic Assignment: XII. Astronomic
Observations (in Uzbekskaya SSR), 435 pp.

RUSSIAN, per, Zapiski Tashkentskoy Astronomicheskoy
i Fizicheskoy Observatorii, Vol III, Moskva, 1889,
pp 3-29. 0217 9040079

AF SIR-3022

Sci - Geofiz
Jan 59

88,932

A TOPOGRAPHER'S TRAVEL NOTES ON THE SOUTH-
EASTERN USSR, BY O. G. CHISTOVSKIY, 171 PP.

RUSSIAN, BK, ZAPISKI TOPOGRAFA, MOSCOW, 1955,
PP 1-128.

JPRS 17293

USSR
GEOG
JAN 63

220,918

Determination by Telegraph of Astronomic Point
in Vernyy City(Alma Ata), by P. N. Dolgov,
A. J. Petrenko.
RUSSIAN, per, Zapiski Vostochnogo Sibirskogo
Inst, Vol V, 1926.
ACIC

Sci Earth Sci & Astron
April 64

254,904

Special Geodetic Assignment: IV. Omsk Military
Topographic Division, 18 pp. Unclassified

RUSSIAN, per, Zapiski Voenno-Topograficheskogo
Upravleniya, Vol LXXI, 1924, pp 34-41.

AID, SIR-5, 20

USSR - Geog
Sci - Geofis

Nov 58

76, 259

Special Geodetic Assignment: V. Irkutsk Military
Topographic Division, 21 pp. Unclassified

RUSSIAN, per, Zapiski Voenno-Topograficheskogo
Upravleniya, Vol LXXI, 1924, pp 41-48.

AID, SIR-2921

USSR - Gaog
Sci - Geofis

Nov 58

76,260

Ludwigite From Polar Yukutia, by V. A. Vakar,
N. V. Knipovich, I. I. Shafranovskiy.

RUSSIAN, per, Zapiski Vsesoiuznogo Mineralogicheskogo
Obshchestva, Vol LXIII, 1934, pp 381-385.

Dept of Interior
US Geological Survey
Denver Branch Library
Denver, Col

Sci - Geophysics
Jan 61

136,051

Quartz as a Geologic Thermometer, by G. M.
Virovlianskiy, 19 pp.

RUSSIAN, per, Zapiski Vses Mineral Obsh,
Vol LXVII, No 3, 1938, pp 425-434.

SLA R-1160

May 58

64,527

Korzhinski, D. S.
THE RELATIONSHIP BETWEEN MINERALOGICAL
COMPOSITION AND THE CHEMICAL POTENTIAL OF
COMPONENTS. [1962] 11p.
Order from ATS \$19.50

ATS-41P62R

Trans. of Vsesoyuznoe Mineralogicheskoe Obsh-
chestvo. Zapiski (USSR) 1944, v. 73, no. 1, p. 62-73.

DESCRIPTORS: *Minerals, Chemical properties.

(Earth Sciences--Mineralogy, TT, v. 9, no. 1)

62-34180

- I. Korzhinski, D. S.
- II. ATS-41P62R
- III. Associated Technical Ser-
vices, Inc., East Orange,
N. J.

ATS/RJ-3807

Office of Technical Services

Absorption Curve of Ferric Iron in Minerals, by N. M.
Melankholin,

RUSSIAN, per, Zapiski Vses Mineralogicheskogo Obshch.
Vol LXXV, No 2, 1946, pp 89-93.

Insdoc

Sci - Physics

41, 550

GRITSAENKO, G.S. and others. Polydymite from the novokaidyrlinsk deposit.

Zap.vseross.miner.Obshch. 75(4):285-92 (1946)
(CRL/D. 873)

ZAPISKI V-S MINERAL OBSHCH Vol LXXVII, No 1, 11 $\frac{1}{2}$ pp,
Jan/Feb/Mar 48

"Vanadates in the Oxidation Zone Deposits of Central
Kazakhstan"

F. Ya. Anosov
F. V. Chukhrov

3649
D-16

1/49T82

Concerning the Possibility of Utilizing Liquid
Inclusions in Minerals for Determining the
Pressure During Process of Mineral Formation,
by E. M. Larz'ko, 15 pp.

RUSSIAN, per, Zapiski Vses Mineral Obshchestva
Vtoraya Seriy, No 4, 1949, pp 259-264.

SLA R-1158

Zap. Vys. Mirov. Otkrytiya Val 79, #1, p 15-22 (1950)

The Influence of Addition of Baral in Solution upon
Habitus + Rate of Growth of Magnesium Sulfate
Crystals ($MgSO_4 \cdot 7H_2O$)

V.A. Mokhovskiy
I.A. Matkovskaya

May 26/262/213

See Leningrad RT-86

"Zapiski Vsesoyuznogo mineralogicheskogo
obshchestva" 2nd Series, Part 79 (1950)

"Activity of the All-Union Mineral-
ogical Society in 1949"

3 pages:
p 75 to 78

S. P. Solov'yev

Proj # 5475

SR 27 June 1950

~~SR 19 May '50~~

{ CD 7729.1

On the Nature of Chrysocolla, by F. V. Chukhrov,
F. Ya. Anosov.

RUSSIAN, per, Zapiski Vses Mineralog Obshch,
Vol LXXIX, No 2, 1950, pp 127-136.

MLL RTS EL40

Sci - Chem
Mar 63

223,618

Residual Stresses in Glass and Quartz, by E. V.
Tzsinzerling, 4 pp.

RUSSIAN, per, Zapiski v-s Mineral Obshch, ~~GBE~~
2nd series, pt. 79. No 3, 1950, pp 223-224.

Sci Museum Lib No 51/2155 - London

On the Nature of Chrysocolla, by F. V. Chukh^Fmov,
F. Ya. Anosov.

RUSSIAN, per, Zapiski Vses Mineralog Obshch,
Vol LXXIX, No 2, 1950, pp 127-136.

NLL RTS 2140

Sci - Chem
Mar 63

Batalov, A. B.

ILVAITE IN THE SKARNS OF MINBULAK (Ilvait v Skarnakh Minbulaka) tr. by Ivan Mittin. 1958 [6]p.
5 refs.

Order from OTS or SLA \$1.10

62-13102

Trans. of Vsesoyuznoe Mineralogicheskoe Obshchestvo. Zapiski (USSR) 1950, v. 79, no. 3, p. 224-225.

DESCRIPTORS: *Minerals, Chemical analysis, Grains (Metallurgy), Colors, Magnetite, Hardness, Specific gravity, *Ilvaite, Silicates.

(Earth Sciences--Mineralogy, TT, v. 7, no. 11)

62-13102

I. Batalov, A. B.

II. Geological Survey, Denver,
Colo.

27-3-61
6-10-61

Office of Technical Services

Ilvaite From the Neighborhood of Mt. Blagodats'
in the ~~Ural~~ Urals, by N. V. Svyakhin.

RUSSIAN, per, Zapiski Vsesoiuznogo Mineralogicheskogo Obshchestva, Vol LXXX, 1951, pp 211-212.

Dept of Interior
US Geological Survey
Denver Branch Library
Denver, Col

Sci - Min/met
Jan 63

136,048

Identification of Carbonate Minerals by the
Staining Method, by N. V. Logvinenko, N. K.
Zabolotnaya,

RUSSIAN, per, Zapiski Vsesoiuznogo Mineralogicheskogo
Obshchestva, Vol LXXIII, No 3, 1954, pp 218-223.

Assoc Tech Svcs
Post Office Box 271
East Orange, N.J.
RJ - 378

Sci - Minerals/Metals

Aug 1956

37,183

Some Fundamental Problems in Crystall
Chemistry and Their Use in Mineralogy,
by A. S. Povarennykh, 48 p.
RUSSIAN, per, Zapiski Vsesoyuznogo Min-
eralogicheskogo Obshchestva, Vol LXXXIV,
No 4, 1955, pp 470-492. 9699378/15006 #12
RSIC-507

Sci-Chem
Apr 66

297,718

Grigor'yev, D. P.
RECRYSTALLIZATION OF MINERALS. [1961] 30p.
Order from ATS \$43.65 ATS-77 17R

Trans. of Vsesoyuznaya Mineralogicheskaya
Obshchestvo (USSR) 1966, v. 85, no. 2,
p. 147-170.

DISCUSSION: Minerals. Cres, Crystallization

(Physics--Solid State, TT, v. 6, no. 3)

61-22621

I. Grigor'yev, D. P.
II. A15-77N50R
III. Associated Technical
Services, Inc.,
East Orange, N. J.

175331

Office of Technical Services

Minerology of Carbonate Concretions From
Quaternary Clays, by V. V. Dobrovolskiĭ, 14 pp.

RUSSIAN, per, Zapiski Vsesoiuznogo Mineralo-
gicheskogo Obshchestva, Part 84, No 2, 1955,
pp 198-208.

Sci

Jul 58

SLA R-1673

68,774

(FDD 26149)

A Report on the Activity of the All-Union Mineralogical Society for 1954, by S. P. Solov'yev, 22 pp.

RUSSIAN, qu per, Zapiski Vses Mineralog Obshch.
Vol LXXXIV, No 2, Moscow/Leningrad, Jun 1955,
pp 253-359

CIA/FDD U-8216

33, 033

USSR

Sci - Minerals/Metals

May 56

Alumoferroascharite - a New Mineral, by D. P.
Serdyuchenko, 11 pp.

RUSSIAN, per, Zapiski Vses Mineralog Obshchestva,
Vol LXXIV, No 3, 1956, p 292-296.

SLA R 1606

Sci

Jul 58

68,804

Change of Unit Cell Dimensions of Garnets With
Composition, by M. A. Gnevushev, et al. USSR

RUSSIAN, per, Zapiski Vses Mineralog Obshchestva,
Vol LXXXV, No 4, 1956, pp 472-490.

SLA 60-23508
DSIA LRU RES 1446

(45a.)

Sci - Min/Met

May 60

116,622

Symmetry Groups in Structural Petrology, by
I Shafranovskii.

RUSSIAN, per, Zapiski Vsesoyuznogo Mineralogic-
heskogo Obshchestva, Vol. 85, 1956, pp 491-497.
CSIRO/No. 7033

Sci -
Aug 67

335-720

Gases of the Formation of Glauconite Under Continental
Conditions, by M. G. Dyadchenko, A. Ya. Khatuntseva,
(U.S.S.R.)
RUSSIAN, per, Zapiski Vs Mineralog Obshch, Vol LXXXV
No 1, 1957, pp 49-57.

ATS RJ-929

Sci - Fuels
Jul 59

91, 258

Methodes Geochimiques de Recherches de Gisements
de Mineraux, by A. A. Saukov, 4 pp.

RUSSIAN, per, Zap Vses Mineral Obshch SSSR,
Vol LXXXVI, No 2, pp 274-276.

Library of Geological
Survey of Canada

Sci
May 61

150, 161

Change of Cell Dimension in Oxidation of Iozite Int
Magnetite and Maghemite, x by E. P. Sla'dau.

RUSSIAN, per, Zapiski Vses Mineralog Obshch
Vol LXXXVI, No 3, 1957, pp 324-335.

Borken Hill Prop Co Ltd
(CRL/T.309)

Sci - Min/Met

191, 695

Apr 62

Kovalev, G. A.
INFLUENCE OF DRY GRINDING OF MATERIALS ON
THE NATURE OF THEIR DEBYE POWDER DIA-
GRAMS (Vliyaniye Sukhogo Rastiraniya Veshchestva na
Kharakter yego Debyeogrammy). June 61 [9]p. 3 refs.
RTS 1820.
Order from OTS or SLA \$1.10

61-19909

Trans. of Vsesoyuznoye Mineralogicheskoye Obsh-
chestvo, Zapiski (USSR) 1957, v. 86, no. 3, p. 401-403

DESCRIPTORS: *Minerals, *Powders, *Grinders,
*X-ray diffraction analysis

Dry grinding caused different changes in the crystalline
lattice of substances, depending on its duration, up to
complete disruption.

(Earth Sciences--Mineralogy, TT, v. 6, no. 3)

61-19909

1. Title: Debye diagrams
2. Title: Dry grinding
1. Kovalev, G. A.
- II. RTS-1820
- III. Department of Scientific
and Industrial Research
(Gt. Brit.)

175303

Office of Technical Services

Changes in the Structure and Properties of Beryls
With Increasing Alkali Content, by T. A. Sosedko,
5 pp.

RUSSIAN, per, Zapiski Vses Mineral o Obshchestva,
Vol LXXXVI, 1957, pp 495-499.

AEC HP-Tr 72

Sci - Physics
Jun 58

65,978

New Aqueous Borate of Calcium-Prolovite, by
E. S. Petrova. UNCL

RUSSIAN, per, Zap Vses Mineral Obsch, Vol LXXXVI,
No 5, 1957, pp 622-626.

Co-op Tr Scheme 546

Sci - Chem
Mar 59

82,040

Micro-Structure of the Surface of Boules of
Synthetic Corundum, by A. A. Gumilevskiy.

RUSSIAN, per, Zapiski Vsesoyuznogo Mineralog
Obshch. No 6, 1957, pp 731-735.

SLA 60-23627
DSIR LLD RPS 1460

Sci - Min/Met

122,512

Aug 60

Pseudo-Forms of Crystals and Their Mineralogical
Significance, by I. I. Shafranovskiy.

RUSSIAN, per, Zapiski Vses Mineral Obshch,
Vol LXXXVIII, No 1, 1958, pp 13-20.

N.L. M. 3055

Sci - Phys

Feb 62

186.848

Photographs of Diamond Crystals Etched in
Kimberlite Melt, by V. V. Nardov. UNCL

RUSSIAN, per, Zapiski Vses Mineral Obshch.
Vol LXXXVII, No 5, 1958, pp 612-614.

DSIR LLU RTS 1060

(7s. 6d.)

Sci - Min/Met
Nov 59

100,783

On Cleavage of Cristobalite and Structural
Transformation of Quartz, by N. M. Sinel'nikov.

RUSSIAN, per, Zapiski Vses Mineral Obshch,
Vol LXXXVII, No 6, 1958, pp 657-666.

MLL N. 3057

Sci - Phys

Feb 62

186,849

Shofranovskii, I. I.

PSEUDO-FORMS OF CRYSTALS AND THEIR MIN-
ERAGENETIC SIGNIFICANCE, tr. by S. Dobriansky.
[1961] [12] p. 9 refs. CRL/T. 488; [DSIR LLU]
M. 3055.

Order from OIS or SLA \$1.60

61-27604

Trans. of Vsesoyuz[noc] Mineral[ogicheskoe] Obsh-
chestvo. [Zapiska (USSR) [1959] v. 88, no. 1, p. 13-20.

DESCRIPTORS: *Quartz crystals, *Minerals, *Crys-
tals, Genetics, Crystal structure, Growth.

(Physics--Solid State, TT, v. 6, no. 11)

61-27604

I. Shofranovskii, I. I.

II. CRL/T-488

III. DSIR LLU M. 3055

IV. Central Research Labs.,
Broken Hill Proprietary
Co., Ltd. (Australia)

188729

Office of Technical Services

CEA-tr-R-1494 Uncl.

CONTRIBUTIONS A LA MINERALOGIE ET LA
CRISTALLOCHIMIE DES URANINITES DE LA CARELIE
DU NORD. (Contributions to the Mineralogy
and Crystallochemistry of Uraninites in
North Karelia, S.S.R.). V. A. Leonova.
Translated into French from Zapiski Vsesoyuz.
Mineral. Obshchestva, 88: 21-38(1959).
45p.

Chemistry; Geology; Translations MC-51

C-51 NP NSA Dep.(mc); \$4.60(fs), \$1.55(mf)
JCL or OTS

N-5

Infrared Spectra of Minerals and Their Practical
Application, by O. N. Setkina,

RUSSIAN, per, Zapiski Vsesoyuz Mineral Obshchestva,
Vol LXXXVIII, No 1, 1959, pp 39-47.

ATS RJ-2114

ATS-761224

Sci - Chem

May 60

115,403

Some Features of the Formation of Mercury-
Antimony-Tungsten Deposits in the Transbaikai
Region, by A. D. Shcheglov.

RUSSIAN, per, Zapiski Vsesoiuznogo Mineralogicheskogo
Obshchestva, Vol X LXXXVIII, 1959, pp 48-59.

Dept of Interior
US ~~Eng~~ Geological Survey
Denver Branch Library
Denver, Col

176 054

Classification of the Elements of Crystal Sculpture
by P. S. Vadillo.

RUSSIAN, per, Zapiski Vses Mineralog Obsh, No 1,
2nd series 88, 1959, pp 97-99. 96769.7

Navy Tr 2581/NRL 799

Sci - Chemistry
Jul 60

120,542

Alkali-Pegmatites of the Afrikanda Massif, by E. A.
Bagdasarov.

RUSSIAN, per, Zapiski Vsesoy Mineralog Obshch,
Vol LXXXVIII, No 3, 1959, pp 261-274.

DSIR LIJ RTS 1339
SLA 61-15005

Sci - Geophys

Sep 60

125,548

Rate of Crystallization of Minerals, by D. P.
Grigor'yev, 12 pp.

RUSSIAN, per, Zapiski Vses Mineralog Obshch, 2nd series,
Part 88, No 5, 1959, pp 497-511.

Amer Geological Inst
Internatl Geology Review
Vol III, No 8

Sci - Min/Met

Sep 61

167,002

Molybdates D'Uranium-Moluranite et Iriginite,
(Molybdates of Uranium-Moluranite and Iriginite), by
G. Yu. Epshtein, 17 pp.

RUSSIAN to FRENCH, per, Zapiski Vsesoyuz Mineral
Obshchestva, Vol LXXXVIII, No 5, 1959, pp 564-570.

9081706

Reverse Trans
CEA Tr-R-1329

CEA-tr-R-1251 Uncl.

IDENTIFICATION DES MINERAUX DU GROUPE DES
FERGUSONITES PAR L'ANALYSE AUX RAYONS X.
(Identification of the Minerals of the
Fergusonite Group by X-Ray Analysis).
A. I. Komkov. Translated into French
from Zapiski Vsesoyuz. Mineral. Obshchestva,
88: 655-66(1959). 19p.

Geology; Translations MC-51

Sur les Causes de l'Oxydation de l'Uranium dans les
Uraninites, (On the Causes of Oxidation of Uranium in
Uraninites), by V. I. Lebedev, 14 pp.

RUSSIAN to FRENCH, per, Zapiski Vsesoyuz Mineral
Obshch, Vol LXXXVIII, 1959, pp 667-671.

Reverse Trans
CEA Tr-R-1253

Sci
Sep 61

The Zardalek Alkali Complex, Alai Range Geological
Position of the Intrusion and Main Features of
the Internal Structure, by N. F. Shinkarev, et al.

RUSSIAN, per, Zapiski Vsesoyuznogo Mineralog,
Vol LXXXIX, No 1, 1960, pp 26-36.

DSIR LLU RTS 1599

Sci - Geophys

Oct 60

130,709

NEW DATA ON FERSMITE. (CALCIUM NIOBATE), BY
A. G. ZHABIN.

RUSSIAN, PER, ZAPISKI VSES MINERAL OSHCH,
VOL XC, NO 3, 1960, PP 270-280.

NLL M. 3780

SCI - CHEM

OCT 62

214,746

(NY-6024)

Genetic Conditions of the Diamond Mineral-Satellites
in the Kimberlites of Yakutia, by N. N. Sarsadskikh,
V. S. Kovsha, 18 pp.

RUSSIAN, per, Zapiski Vses Mineralog Obshch,
Vol LXXIX, Series 2, No 4, 1960, pp 392-399.

JPRS 9329

155,055

Sci - Min/Metals

Jun 61

(NY-6024)

A New Vanadium Mineral - Rusacovite, by Ye. A.
Ankinovich, 15 pp.

RUSSIAN, per, Zapiski Vses Mineralog Obshch,
Vol LXXXIX, Series 2, No 4, 1960, pp 440-447.

JPRS 9330

Sci - Min/Metals

155,048

Jun 61

(NY-602

Certain Data on Diamonds Found in Form of
Polycrystalline Aggregates, by Ya. M. Kravtsov
S. I. Futergendler, 7 pp.

RUSSIAN, per. Zapiski Vses Mineralog Obshch,
Vol LXXXIX, Series 2, No 4, 1960, pp 464-466.

JPRS 9331

Sci - Min/Metals

155,054

Jun 61

Structural Characteristics of Some Vermicula-
Like Minerals From the Kola Peninsula,
G. Kovalev, Y. d'Yakonov.

RUSSIAN, per, Zapiski Vses Mineralocheskogo
Obshch, Vol LXXXIX, No 4, 1960, pp 459-460.

CSIRO/No 6080

Sci-Chem
May 63

232,144

Uraniferous Solid Bituments in Sediments,
by N.P. Fomina.

RUSSIAN, per Zap. vses. miner. Obshch

Vol. 89, 1960, pp 663-668

NLL/RTS 2708-15s.

Sci -
Aug 67

337-449

(SF-1330

Carbocernaite -- New Rare Earth Carbonate, by A. G.
Bulakh, V. V. Kondrat'yeva, Ye. N. Baranova, 11 pp.

RUSSIAN, per, Zapiski Vses Mineralog Obshch, Part 20,
No 1, 1961, pp 42-49.

JPRS 10418

Sci - Chem

174.031

Nov 61

(SF-1880/1)

Records of the All-Union Mineralogical Society, by
V. P. Ivanova, 43 pp.

RUSSIAN, per, Zapiski Vses Mineralog Obshch,
Part XV, No 1, 1961, pp 50-90.

JPRS 4997

Sci - Min/Met

Nov 61

174, 218

GEOCHEMISTRY OF NIOBIUM AND TARTALUM IN
ALKALINE ULTRABASIC ROCK COMPLEXES, BY
A. A. KUKHARENKO, ET AL.

RUSSIAN, PER, ZAPISKI VSES MINERAL OBSHCH,
NO 2, 1961, PP 172-192.

NLL RTS 1966

SCI - CHEM

JUN 62

199,968

Scandium Geochemistry in Alkalic Ultrabasic
Rocks of the Kola Peninsula and Karelia, by
A. A. Kukhareenko, M. M. Kler.

RUSSIAN, per, Zapiski Vses Mineral Obshch, No 5,
1962, pp 520-536.

NLL RTS 2348
(loan copy)

Jul 64

63-23600

Luntz, A. Ya. and Sal'dau, E. P.
GENTHELVITE FROM PEGMATITES ON THE KOLA
PENINSULA (Gentgelvin iz Pegmatitov na Kol'skom
Poluostrove) tr. by Ivan Mittin. 1963 [11p] 4refs.
Order from OTS or SLA \$1.60 63-23600

Trans. of Vses[oyuznoe] Mineralog[icheskoe]
Ob[shchestvo]. Zapiski (USSR) 1963, v. 92, no. 1,
p. 81-84.

DESCRIPTORS: *Minerals, *Pegmatite, Petrology,
Geochemistry, Structural geology, Geology, Chemical
analysis

Genthelvite belongs to the helvite group of minerals
which form isomorphous mixtures with three end mem-
bers, helvite, danolite and genthelvite. Genthelvite is
pinkish-lilac in color, more rarely pinkish-yellow to
colorless in the same specimen. The index of refrac-
tion is 1.745; specific gravity is 3.64. The results of
(Earth Sciences--Mineralogy, TT, v. 10, no. 12)(over)

- I. Title: Genthelvite
- I. Luntz, A. Ya.
- II. Sal'dau, E. P.
- III. Geological Survey,
Denver, Colo.

Office of Technical Services

Lueshite From the Carbonatites of the
Kovdorsk Massif, by O. M. Rinskaya-
Korsakova, et al.
RUSSIAN, per, Zapiski Vses Mineralogicheskogo
Obshchestva, 1963, Vol 92, No 2, pp 173-
183.
NLL RTS 2341 (On Loan or Purchase)

Aug 65

287,144

1962 Activity of the All-Union Mineralogical Society, by
S. P. Solov'yev, 23 pp.

RUSSIAN, per, Zapiski Vsesoyuzhnogo mineralogicheskogo
Obshch, Vol XCII, No 4, 1963, pp 499-508.

JPRS 22635

Sci-Ear Sci & Astron
Jan 64

246, 521

Khabib Mukhamedovich Abdullaev,
by Kh. N. Baymukhamedov, 5 pp.
RUSSIAN, per, Zapiski Vses Mineralog Obshch,
series 2, Vol XCIII, No 2, 1964, pp 174-181.
JPRS 25702

USSR
Biog
Aug 64

264,206

Pemolite a New Molybdenum Sulfide, by K. Sk-
vortsova,
RUSSIAN, per, Zapiski Vses. Mineralog. obschch.,
Vol XCIII, 1964, pp 436-443.
Dept of Inter
G570 R72 Vol 93 pp 436-443

Sci-Ear Sci
Jan 67

316,714

The Problem of the Existence of Lillimnite,
by L. F. Syritso, V. M. Senderova.
RUSSIAN, per, Zapiski Vses Mineralog Obshch.
Vol XCIII, 1964, pp 468-471.
Dept of Inter G(570)
R92e

Sci - M/M
May 66

300,567

Cathode Ray Tube Memory Device of High Speed
Electronic Computer of the USSR Academy of
Sciences, by V. N. Laut, L. A. Lyubovich,
116 pp.

RUSSIAN, bk, Zapominayushcheye Ustroystvo na
Elektronno-Luchevykh Trubakh Rystrodeystvuyu-
shchey Elektronnoy Schetnoy Mashiny Akad Nauk
SSSR, 1957, 89 pp. 9670042

ATIC MCL-F-TS-9702/1

Sci - Electron

Jul 61

159, 5 15

The Cathode Ray Tube Memory of the High Speed
Electronic Computer of the USSR Academy of Sciences,
by Valeriy Nazarovich Laut, L. A. Lyubovich, 90 pp.

RUSSIAN, bk, 1957, Zapominyushchaya Ustroystvo na
Elektronno-Luchevykh Trubkakh Dystroday Stvuyushchey
Elektronnoy Schetnoy Mashiny Ak Nauk SSSR.

Pergamon Press

Sci - Phys

Oct 60

QA
76
.L3
E5

129,591

Memory Devices of Electronic Digital Computers,
by V. A. Prokudin.
RUSSIAN, b k, Zapominayushchiye Ustroystva Elektron-
nykh Tsifrovyykh Vychislitel'nykh Mashin, Moscow, 1961,
pp 1-128.
*FTD-TT-65-550

Sci - Elec
May 65

Zaporozh'ye, by S. P. Vasilevskiy, O. V. Smirnova, 25 pp.

RUSSIAN, per, Zaporozh'ye, 1958, pp 1-28. (Call No
NK651, Z351 Z3, Eng Tr)

AMS

JSER

Geo

Feb 61

139,801

OC-1146

Zaporozhe Transformer Plant.

RUSSIAN, per, Zaporozhe Transform Zavod,

Establishment of Research and Development
Facilities in the Area Kolemnyazan', -
Ul'yanovsk-Cor'kiy-Kolonna, Supplement V -
Mordovskiy Zapovednik, 3 pp.

RUSSIAN, per, Zapovedniki SSSR, Vol I, 1951,
pp 193, 194.

AF 1419583

Sci - Geophys
Aug 60

122,601